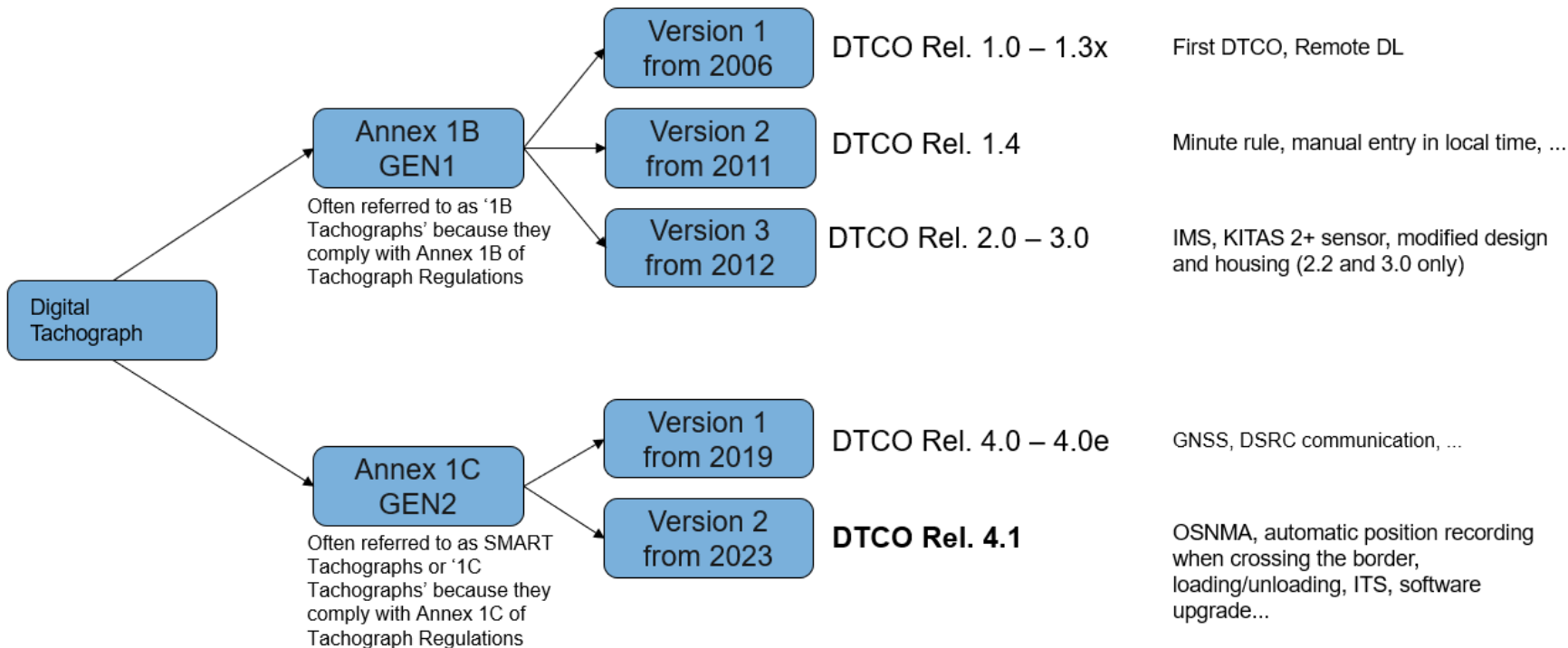


<https://www.workshop.vdo.co.uk/>

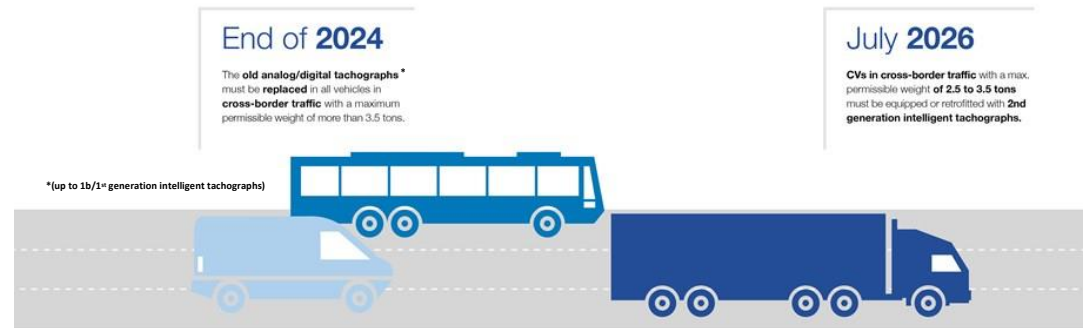
Smart Tachograph 2 - Guide 2023

VDO – A brand of the Continental Corporation

Brief history of the Tachograph



Timeline for the introduction of the second generation intelligent tachograph:



August 2023

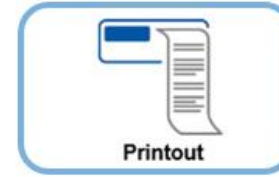
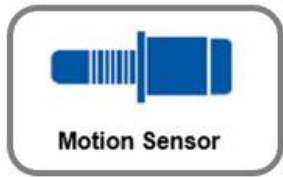
All newly registered vehicles with a maximum permissible weight of more than 3.5 tons must be equipped with 2nd generation intelligent tachographs.

August 2025

Vehicles in cross-border traffic with a maximum permissible weight of more than 3.5 tons and a 1st generation intelligent tachograph must be upgraded.

- The next instalment of the EU Mobility Package sees the Smart Tachograph 2 being fitted to all newly registered vehicles above 3.5T
- A retrofitting obligation applies in the event of a SMART tachograph (GEN2) version 1 (such as the DTCO 4.0e) becomes defective from this date - it must be replaced by a SMART tachograph version 2 (such as the DTCO 4.1), as stated in 'Annex 15 No. 4. paragraph 2 (EU) No. 2016/799'

What are the changes?



New or changed

Not changed

What is available?

Continental Kit Part Number	Description
2910003214600	DTCO 4.1 Mobility Package Kit* – Version 1 ADR Z2, with CAN-R
2910003214700	DTCO 4.1 Mobility Package Kit* – Version 2 ADR Z2, w/o CAN-R
2910003214800	DTCO 4.1 Mobility Package Kit* – Version 3 ADR Z1, with CAN-R
AAA2359680021	DTCO 4.1 ADR Z2, with CAN-R
AAA2359690021	DTCO 4.1 ADR Z2, w/o CAN-R
AAA2359710021	DTCO 4.1 ADR Z1, with CAN-R
AAA2359700021	DTCO 4.1 ADR Z1, w/o CAN-R
AAA2359670021	DTCO 24/12V Training Rel. 4.1 ADR Z2, with CAN-R (with test key)

*The kit includes a DTCO 4.1, the DSCR antenna (AAA2335640021), DSRC 3m cable (2910002313000) and DSRC cover (AAA2371330021)

Please see the below key to explain the variations available as you need to decide the zone required and if it needs CAN-R:

- Z1 – relates to an area in which an explosive gas atmosphere is likely to occur in normal operation
- Z2 – relates to an area in which an explosive gas atmosphere is not likely to occur in normal operation and, if it occurs, will only exist for a short time
- CAN-R – this relates to there being a resistor in the CAN line (not all vehicles require it). Please note: It does not directly relate to whether the tachograph is ADR (Dangerous Goods) approved or not.

Need help finding what you are looking for? Please contact UK@VDO.com and we can support you – whether that is a single application or a suggested stock pack.

Please note that KITAS 4.0 sensors are not part of the kit. These must be ordered separately. The following references are available:

Continental Kit Part Number	Description	Remark
A3C1023600020	KITAS 4.0 speed sensor 2185.20 18mm Rel1.11UK	1:1 standard
A3C1023620020	KITAS 4.0 speed sensor 2185.20 18,6mm Rel1.11UK	1:1 standard
A3C1023630020	KITAS 4.0 speed sensor 2185.20 19,8mm Rel1.11UK	1:1 standard
A3C1023640020	KITAS 4.0 speed sensor 2185.20 23,8mm Rel1.11UK	1:1 standard
A3C1023650020	KITAS 4.0 speed sensor 2185.20 25mm Rel1.11UK	1:1 standard
A3C1023660020	KITAS 4.0 speed sensor 2185.20 33,8mm Rel1.11UK	1:1 standard
A3C1023680020	KITAS 4.0 speed sensor 2185.20 62mm Rel1.11UK	1:1 standard
A3C1023690020	KITAS 4.0 speed sensor 2185.20 63,2mm Rel1.11UK	1:1 standard
A3C1023700020	KITAS 4.0 speed sensor 2185.20 88,8mm Rel1.11UK	1:1 standard
A3C1023720020	KITAS 4.0 speed sensor 2185.20 113,8mm Rel1.11UK	1:1 standard
A3C1023610020	KITAS 4.0 speed sensor 2185.20 18mm Rel1.11UK (4:1)	4:1 standard
A3C1023760020	KITAS 4.0 speed sensor 2185.20 62mm Rel1.11UK (4:1)	4:1 standard
A3C1023670020	KITAS 4.0 speed sensor 2185.20 33,8mm Rel1.11UK (Telma)	1:1 Telma
A3C1023710020	KITAS 4.0 speed sensor 2185.20 88,8mm Rel1.11UK (Telma)	1:1 Telma
A3C1023730020	KITAS 4.0 speed sensor 2185.20 113,8mm Rel1.11UK (Telma)	1:1 Telma

Please note: Whilst every effort is made to ensure the accuracy of the information given here, Continental Automotive Trading UK Ltd cannot be held responsible for any errors or omissions. Ultimately, the installer must ensure compliance with the specific vehicle repair procedures laid down by the vehicle manufacturer; particularly regarding battery disconnection/reconnection procedures. Failure to comply with the vehicle manufacturer’s instructions may result in personal injury and/or component damage/memory loss.

Continental Training Course Part Number	Description
Course1	Initial Tachograph Course
Course 2	Tachograph Revision (F2F / Distance)
Course2 (e)	Tachograph Revision (eLearning)
Course2 (M)	½ day – Designated Tachograph Centre Manager Course
Course4 (L1)	IMI L1 in Electric and Hybrid Vehicle Basic Awareness
Course4 (L3)	IMI L2/3 in Electric and Hybrid Vehicle Routine Maintenance, Repair and Replacement

Booking Procedure

To book places on any of the courses above, please telephone 0121 725 1234, to check availability. A booking form will then be forwarded and needs to be returned with payment details and an authorising signature.

Once availability is confirmed, payment in full is required to guarantee the booking. If paying on account, then an order number can be entered on the booking form, alternatively you can phone up and pay via credit card to Continental Automotive Trading UK Ltd in advance of the course.

For more information on the training courses, please email:

Keith Lloyd on Keith.Lloyd@continental-corporation.com (Tachograph courses)

Stuart West on Stuart.West@continental-corporation.com (Electric Vehicle courses)

For any Tachograph technical and service support, please email tacho-support@continental-corporation.com or phone 0121 725 1277

For all other enquiries, a full price list or more information on the complete product range, please contact:

- **Colin Morris - Midlands, South-East/West & Wales - 07787 103243**
- **Bob Greig - North of England, Scotland, and Northern Ireland - 07557 179777**
- **Email salesorders@continental-corporation.com**

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Please note: Application – The products described in this catalogue are designed for use in land vehicles, engines, and equipment. Disclaimer – The data in this replacement parts catalogue has been compiled and processed for the purpose of presenting our replacement parts range and is correct to the best of our knowledge. Subject to technical alterations, errors, and omissions. Availability is not guaranteed. We cannot be held liable with regard to any information contained in the Continental Trading replacement parts catalogue except in case of intent, gross negligence or where mandatory liability is borne in accordance with German product liability law.